

FIG. 1

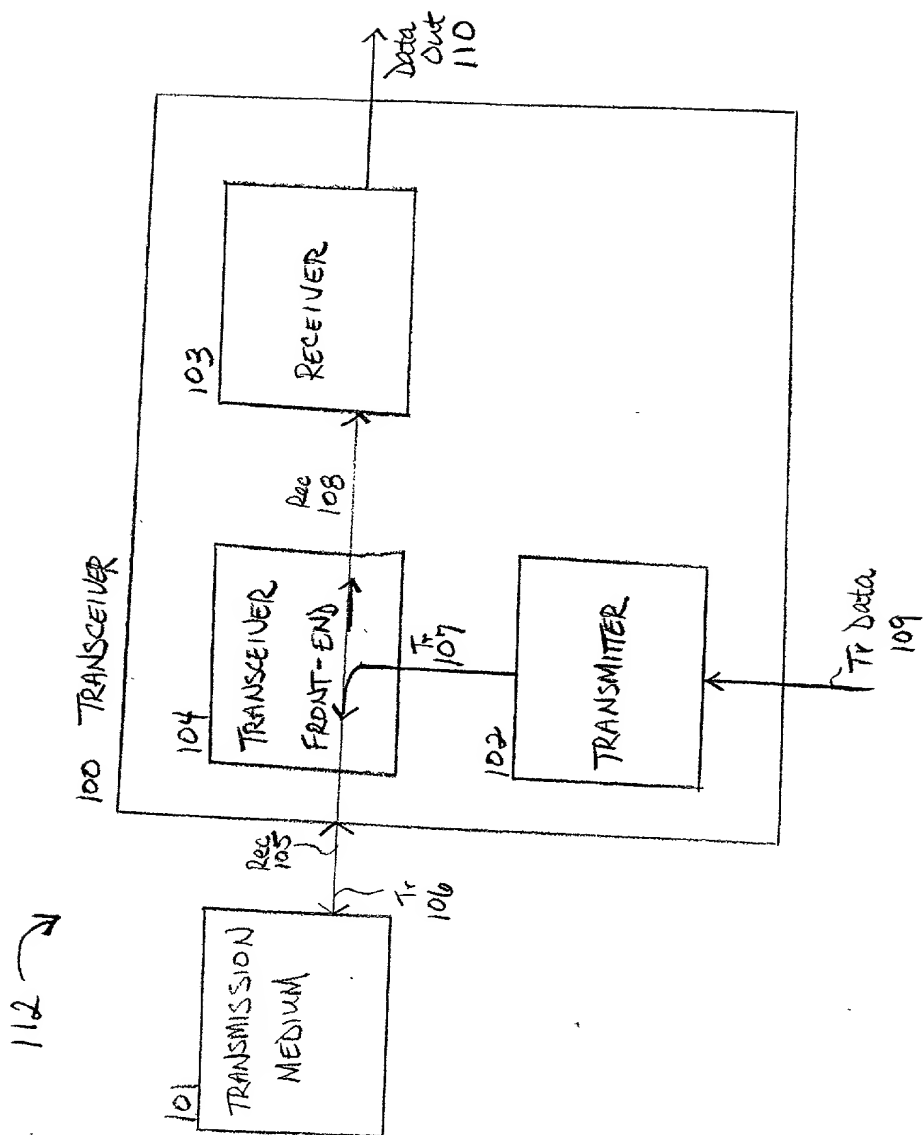


FIG. 2: Conventional Transceiver Front-end

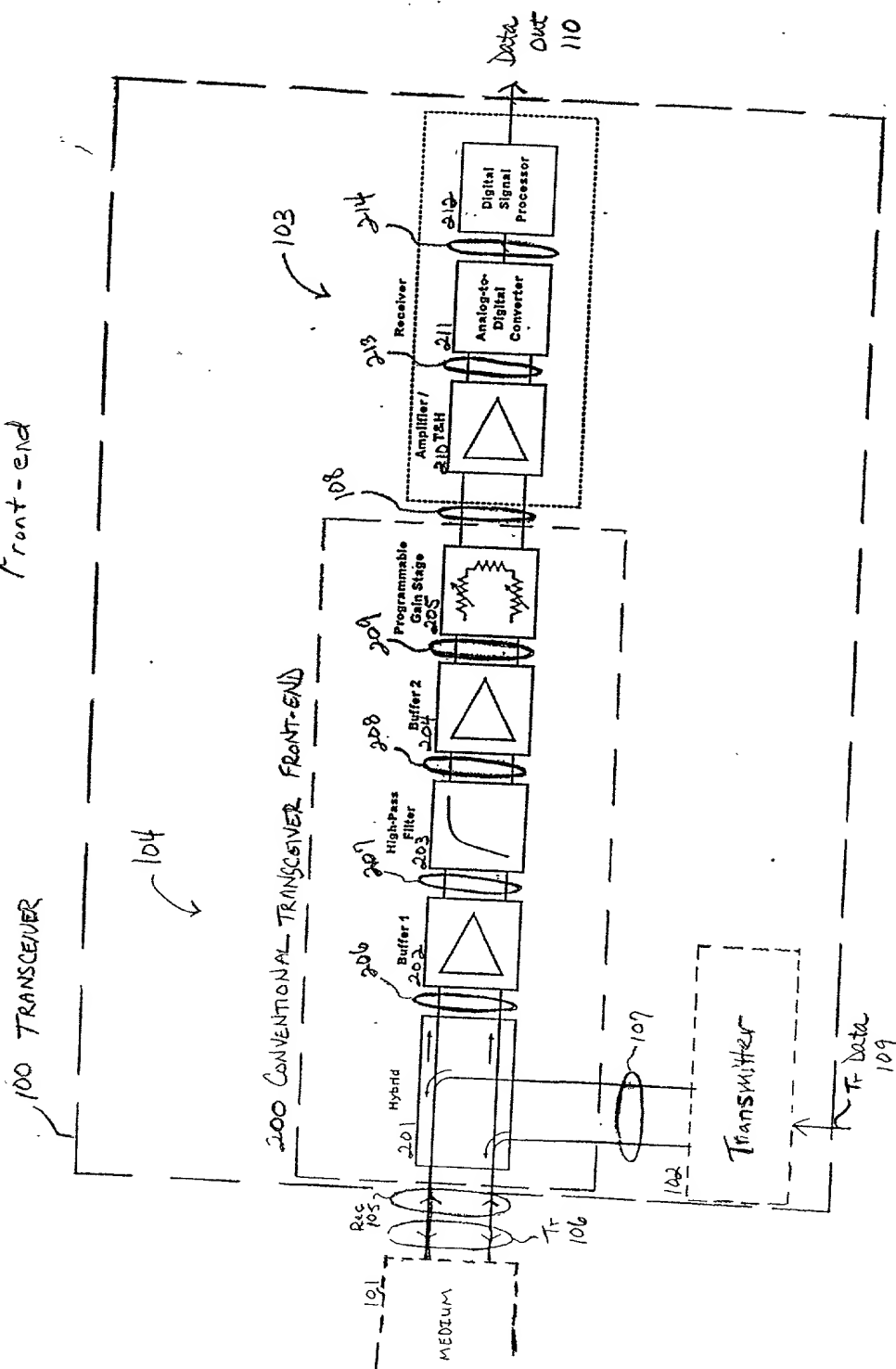
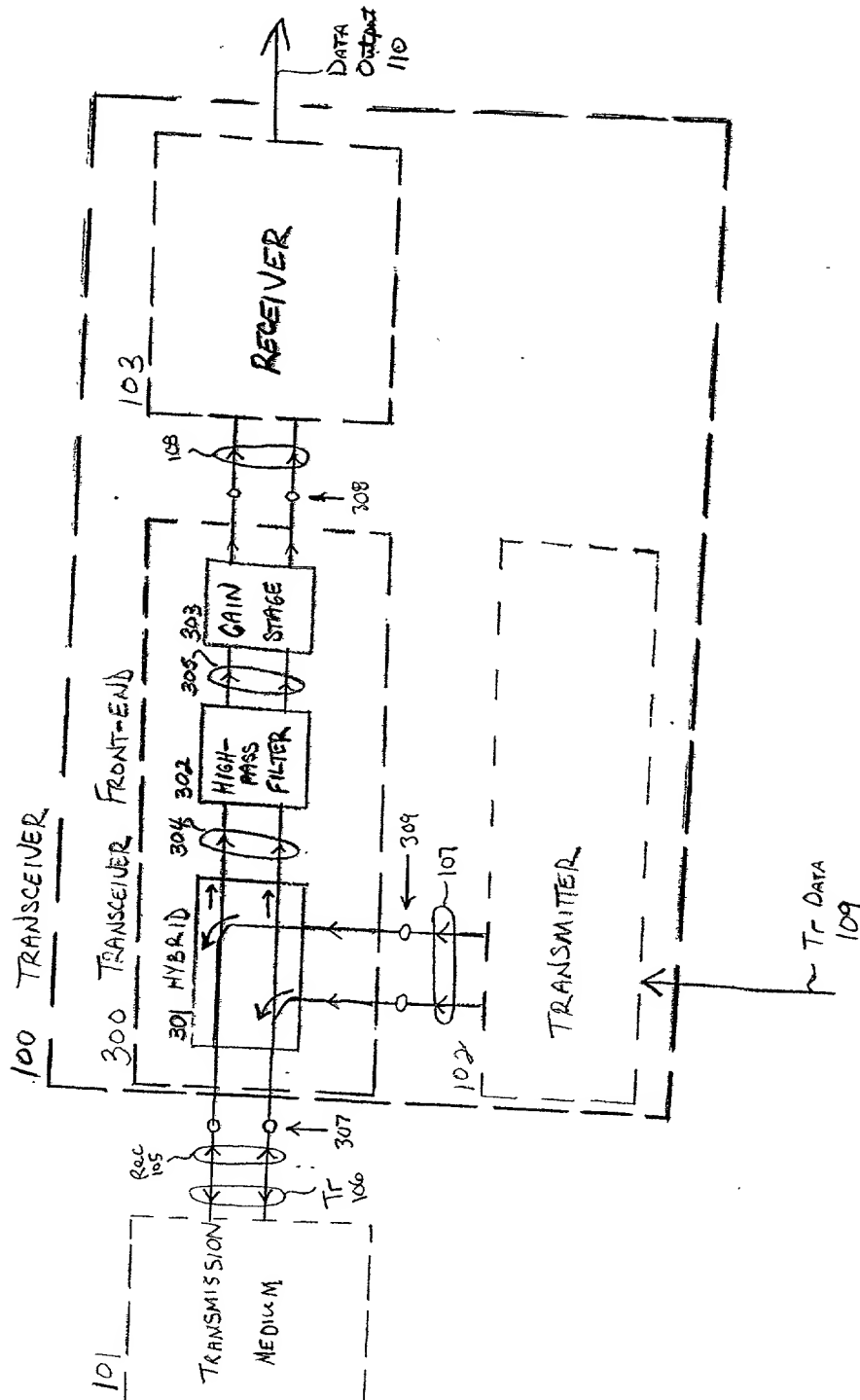


FIG. 3



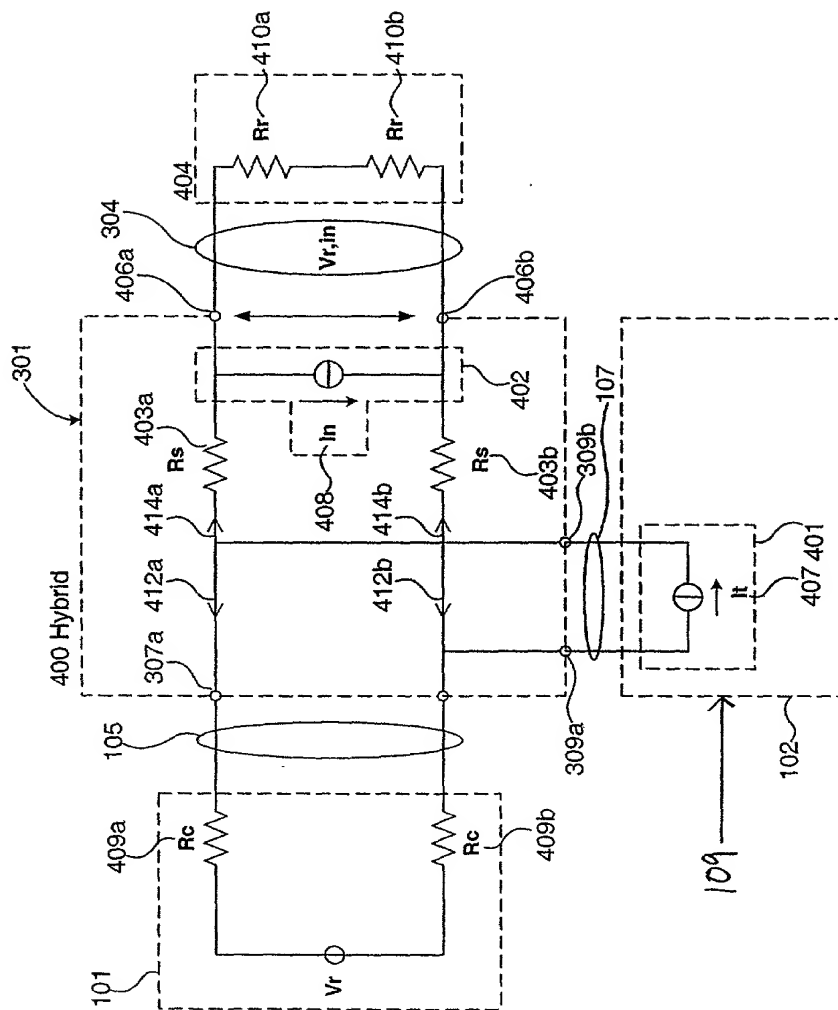


FIG. 4

FIG. 5

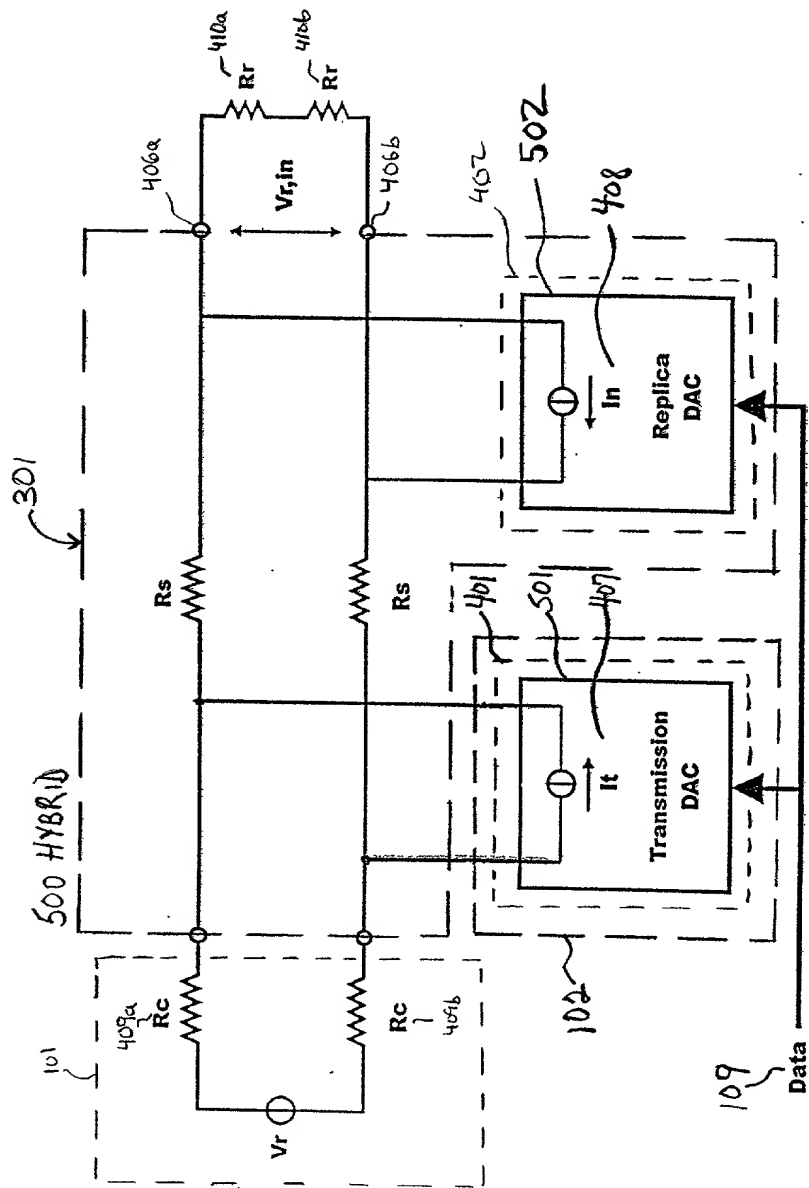
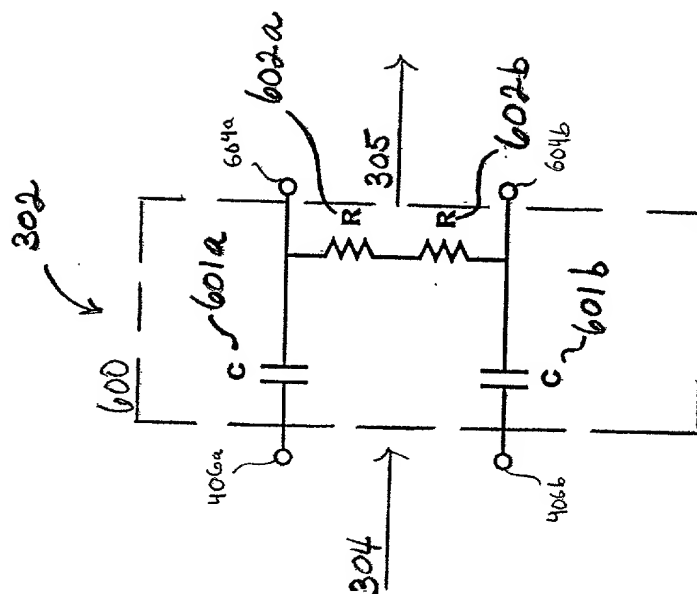


Fig. 6



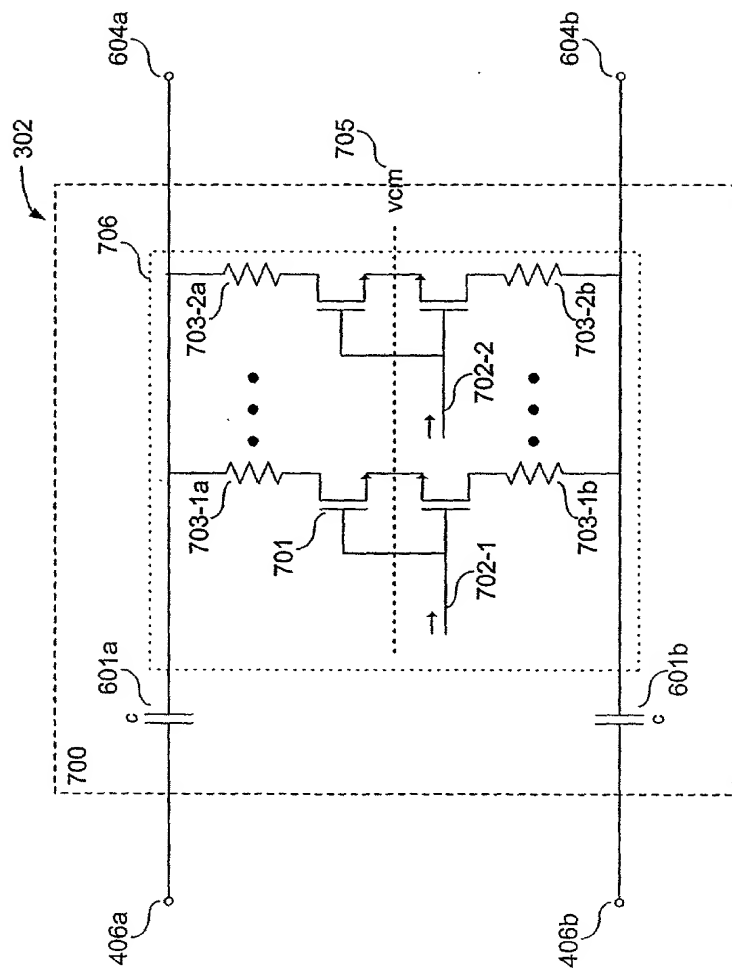
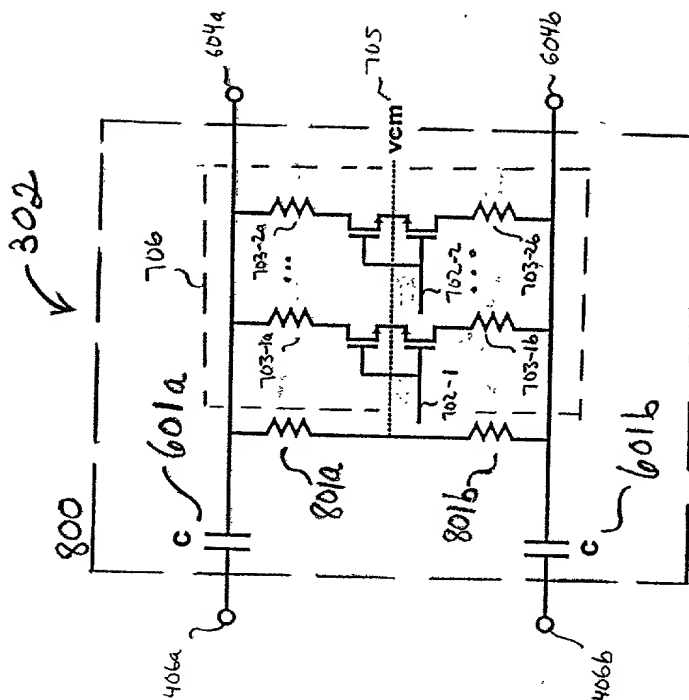


FIG. 7

FIG. 8





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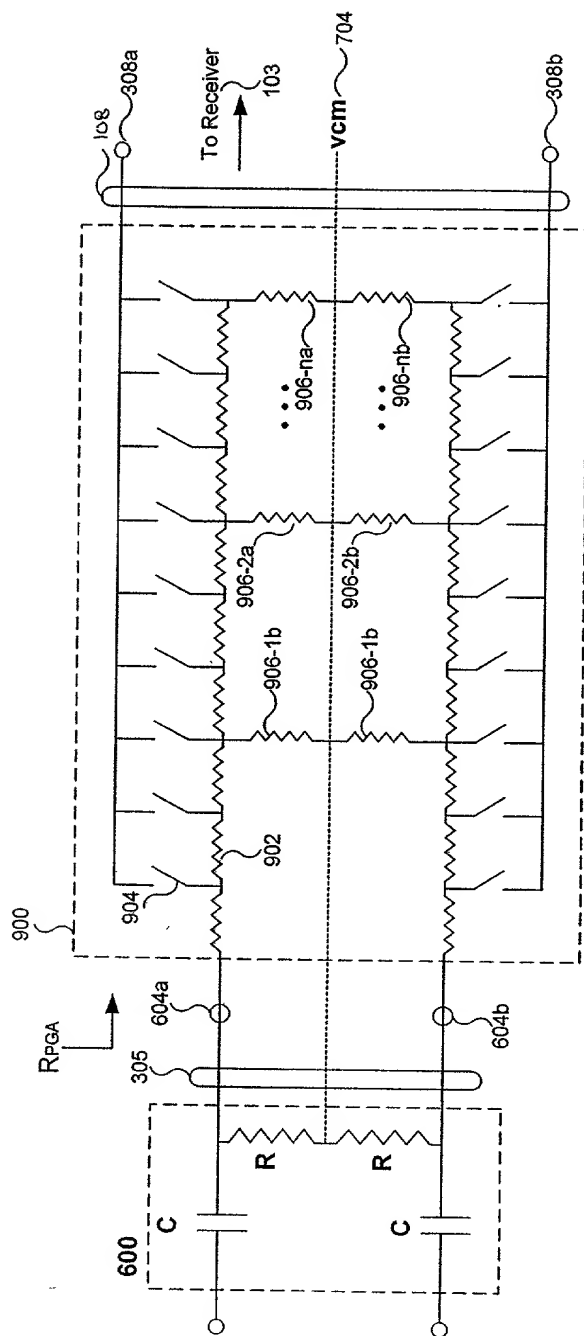


FIG. 9

[illegible]